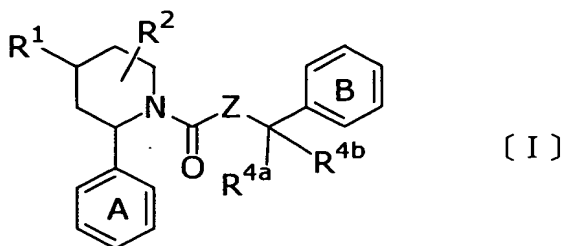
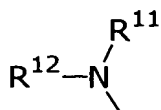


[Document Name] Claims

[Claim 1] Piperidine compound represented by the formula [I]:



5 wherein Ring A represents a benzene ring optionally substituted by a substituent(s), Ring B represents a benzene ring optionally substituted by a substituent(s), R^1 represents an optionally substituted alkyl group, an optionally substituted hydroxyl group, a substituted thiol group, a substituted carbonyl group, a substituted sulfinyl group, a substituted sulfonyl group, or a group represented by the formula:



15 R^{11} represents a substituted carbonyl group or a substituted sulfonyl group, R^{12} represents hydrogen atom or an optionally substituted alkyl group, R^2 represents hydrogen atom, an optionally substituted hydroxyl group, an amino group optionally substituted by a substituent(s), an optionally substituted alkyl group, a substituted carbonyl group or a halogen atom, Z represents oxygen atom or a group represented by $-N(R^3)-$, R^3 represents hydrogen atom or an optionally substituted alkyl group, R^{4a} represents an optionally substituted alkyl group, R^{4b} represents an optionally substituted alkyl group, or a pharmaceutically acceptable salt thereof.

[Claim 2] The compound according to Claim 1, wherein R^1 is an optionally substituted alkyl group.

[Claim 3] The compound according to Claim 1, wherein R¹ is a an optionally substituted hydroxyl group.

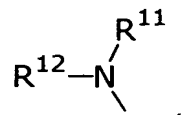
[Claim 4] The compound according to Claim 1, wherein R¹ is thiol group substituted by a substituent(s).

5 [Claim 5] The compound according to Claim 1, wherein R¹ is a substituted carbonyl group.

[Claim 6] The compound according to Claim 1, wherein R¹ is a substituted sulfinyl group.

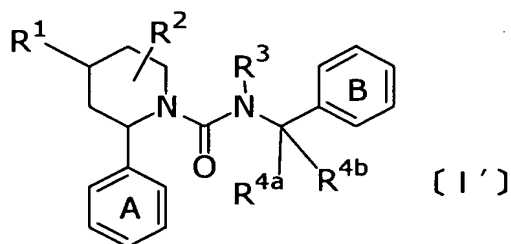
10 [Claim 7] The compound according to Claim 1, wherein R¹ is a substituted sulfonyl group.

[Claim 8] The compound according to Claim 1, wherein R¹ is a group represented by the formula:

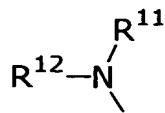


15 R¹¹ represents a substituted carbonyl group or a substituted sulfonyl group, and R¹² represents hydrogen atom or an optionally substituted alkyl group.

[Claim 9] A process for preparing a piperidine compound represented by the formula [I']:

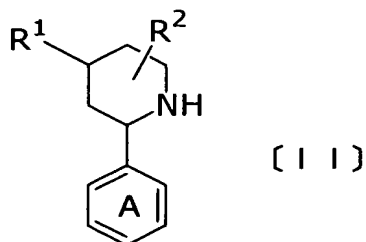


20 wherein Ring A represents an optionally substituted benzene ring, Ring B represents an optionally substituted benzene ring, R¹ represents an optionally substituted alkyl group, an optionally substituted hydroxyl group, a substituted thiol group, a substituted carbonyl group, a substituted sulfinyl group, a substituted sulfonyl group, or a group
25 represented by the formula:

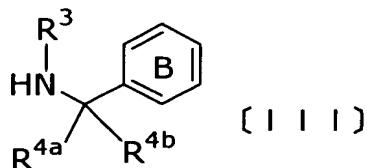


5 R^{11} represents a substituted carbonyl group or a substituted sulfonyl group, R^{12} represents hydrogen atom or an optionally substituted alkyl group, R^2 represents hydrogen atom, an optionally substituted hydroxyl group, an optionally substituted amino group, an optionally substituted alkyl group, a substituted carbonyl group or a halogen atom, R^3 represents hydrogen atom or an optionally substituted alkyl group, R^{4a} represents an optionally substituted alkyl group, R^{4b} represents an optionally substituted alkyl group,

10 or a pharmaceutically acceptable salt thereof, which comprises reacting a compound represented by the formula
 15 [II]:



wherein Ring A, R^1 and R^2 have the same meanings as defined above,
 and a compound represented by the formula [III]:

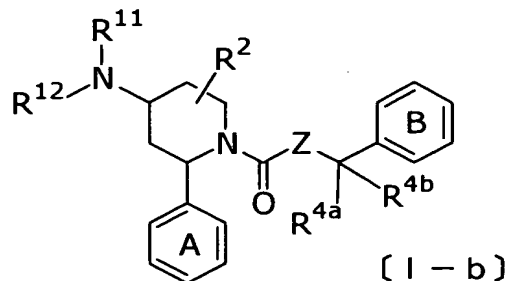


20 wherein Ring B, R^3 , R^{4a} and R^{4b} have the same meanings as defined above,

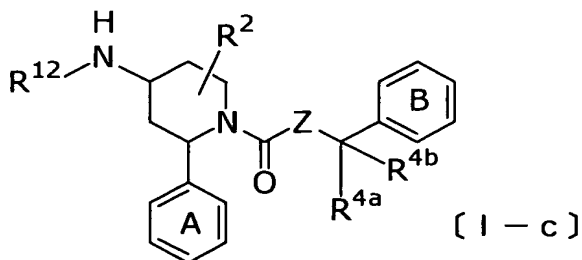
in the presence of a urea bond forming agent, and then, converting it into a pharmaceutically acceptable salt
 25 thereof, if necessary.

[Claim 10] A process for preparing a piperidine compound

represented by the formula [I-b]:

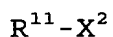


wherein Ring A represents an optionally substituted
 5 benzene ring, Ring B represents an optionally substituted benzene ring, R^{11} represents a substituted carbonyl group or a substituted sulfonyl group, R^{12} represents hydrogen atom or an optionally substituted alkyl group, R^2 represents hydrogen atom, an
 10 optionally substituted hydroxyl group, an optionally substituted amino group, an optionally substituted alkyl group, a substituted carbonyl group or a halogen atom, Z represents oxygen atom or a group represented by $-N(R^3)-$, R^3 represents hydrogen atom
 15 or an optionally substituted alkyl group, R^{4a} represents an optionally substituted alkyl group, R^{4b} represents an optionally substituted alkyl group, or a pharmaceutically acceptable salt thereof, which comprises reacting a compound represented by the formula
 20 [I-c]:



wherein Ring A, Ring B, R^{12} , R^2 , Z, R^{4a} and R^{4b} have the same meanings as defined above, and a compound represented by the formula [VI]:

25



[VI]

wherein R^{11} has the same meaning as defined above,
and X^2 represents an eliminating group,
and then, converting it into a pharmaceutically acceptable
salt thereof, if necessary.